Solid State Ionics 25 (1988) 311–314
North-Holland, Amsterdam

AUTHOR INDEX TO VOLUME 25

Akhter, S.K., see B.V.R. Chowdari 25 (1987) 109
Akila, R. and K.T. Jacob, Combined homo-hetero doping for enhancement of ionic conductivity 25 (1987) 217
Angell, C.A., see R. Xue 25 (1987) 223
Asai, T., see K. Matsumoto 25 (1987) 233

Börjesson, L. and L.M. Torell, Hypersonic secondary relaxation due to fast ion diffusion modes in xLiCl–0.5Li_2O–B_2O_3 glasses 25 (1987) 85
Boulanger, C. and J.M. Lecuire, Study of silver de-insertion in $AgMo_6S_8$, $AgMo_6Se_8$, $Ag_{3.6}Mo_9Se_{11}$ phases 25 (1987) 45
Brophy, J.J., see C.K. Kuo 25 (1987) 193
Bruce, P.G., J. Evans and C.A. Vincent, A dc technique for measurement of solid electrolyte conductivity 25 (1987) 255
Brune, A. and J.B. Wagner Jr., Electrical conductivity of $PbCl_2$ with a dispersed second phase 25 (1987) 165

Caillet, M., see A. Skalli 25 (1987) 27
Carduner, K.R. and D. White, A ^{23}Na NMR study of mixed cation β-aluminas 25 (1987) 93
Carolan, M.F. and J.N. Michaels, Chemical vapor deposition of yttria-stabilized zirconia on porous supports 25 (1987) 207
Cava, R.J., see M.L. Kaplan 25 (1987) 37
Cava, R.J., see E.A. Rietman 25 (1987) 41
Chandross, E.A., see M.L. Kaplan 25 (1987) 37
Chieux, P., see M. Tachez 25 (1987) 263
Chowdari, B.V.R. and S.K. Akhter, Studies of lithium phosphoantimonite glassy system 25 (1987) 109

Dordor, P.J., J. Tanaka and A. Watanabe, Electrical characterization of phase transition in yttrium doped bismuth oxide, $Bi_{1.55}Y_{0.45}O_3$ 25 (1987) 177

Evans, J., see P.G. Bruce 25 (1987) 255

Fujiki, Y., S. Takenouchi, Y. Onoda, M. Watanabe, S. Yoshikado, T. Ohachi, and I. Taniguchi, Growth and characterization of potassium- and rubidium-priderite single crystals with Hollandite-type structure 25 (1987) 131

Galerie, A., see A. Skalli 25 (1987) 27
Glaunsinger, W.S., see M.J. McKelvy 25 (1987) 287
Gronemeyer, C., see C.E. Infante 25 (1987) 63

Holt, L.K., see M.L. Kaplan 25 (1987) 37
Hong, D., see Y. Hong 25 (1987) 301

Hong, Y., D. Hong, Y. Peng, L. Li and S. Wei, The fabrication and properties of polycrystalline Caβ''-Al_2O_3 tube 25 (1987) 301
Hoser, A., see M. Kuntz 25 (1987) 121

Iguchi, Y., see S. Yamaguchi 25 (1987) 171
Ikawa, H., see T. Tsurumi 25 (1987) 143
Imai, A., see S. Yamaguchi 25 (1987) 171
Infante, C.E., C. Gronemeyer and F. Li, Neutron diffraction study of the oxide conducting δ*-phase of $(Bi_2O_3)_{1-x}(Y_2O_3)_x$ ($x = 0.25$) 25 (1987) 63
Ito, Y., T. Maruyama and Y. Saito, Nonstoichiometry in vanadium pentoxide by coulometric titration 25 (1987) 199

Jacob, K.T., see R. Akila 25 (1987) 217
Jin, G.L., see J.N. Mundy 25 (1987) 71

Kaplan, M.L., E.A. Rietman, R.J. Cava, L.K. Holt and E.A. Chandross, Crown ether enhancement of ionic conductivity in a polymer-salt system 25 (1987) 37
Kaplan, M.L., see E.A. Rietman 25 (1987) 41
Kawai, S., see K. Matsumoto 25 (1987) 233
Kawamura, J., R. Sato, S. Mashina and M. Shimoji, ac conductivity of Li_2O–Na_2O–B_2O_3 mixed-alkali glasses: analysis due to transition rate distribution 25 (1987) 155
Kikkawa, S., see H. Yamane 25 (1987) 183
Koizumi, M., see H. Yamane 25 (1987) 183
Kuku, T.A. and A.M. Salau, Electrical conductivity of $CuSnI_3$, $CuPbI_3$ and $KPbI_3$ 25 (1987) 1
Kuku, T.A., Structure and ionic conductivity of $CuCdCl_3$ 25 (1987) 105
Kuntz, M., G. Tomandl and A. Hoser, Investigation of ammonium sites in proton conducting NH_4TaWO_6/ND_4TaWO_6-ceramics by neutron powder diffraction 25 (1987) 121
Kuo, C.K. and J.J. Brophy, Voltage fluctuations at sodium β''-alumina/mercury electrodes 25 (1987) 193

Le Méhaute, A., Fractal electrodes and constant phase angle response; Comment 25 (1987) 99
Lecuire, J.M., see C. Boulanger 25 (1987) 45
Li, F., see C.E. Infante 25 (1987) 63
Li, L., see Y. Hong 25 (1987) 301
Lundén, A., Electrical conductivity and solid solubility of the system Li_2SO_4–LiCl 25 (1987) 231

Macdonald, J.R., Some small-signal relaxation response models and their limiting responses 25 (1987) 271
Malugani, J.P., see M. Tachez 25 (1987) 263
Maruyama, T., see Y. Ito 25 (1987) 199
Mashina, S., see J. Kawamura 25 (1987) 155
Matsumoto, K., R. Nagai, T. Asai and S. Kawai, Self diffusion of Li^+-ions in $Li_xTi_{1+y}S_2$ ($y = 0.01$–0.11) 25 (1987) 233
McKelvy, M.J. and W.S. Glaunsinger, On the intercalation and deintercalation mechanisms for ammoniated titanium disulfide 25 (1987) 287
Mentus, S., see N. Petranović 25 (1987) 139
Mercier, R., see M. Tachez 25 (1987) 263
Michaels, J.N., see M.F. Carolan 25 (1987) 207

Mundy, J.N. and G.L. Jin, Ionic transport in mixed sodium rubidium germanate glasses 25 (1987) 71
Munshi, M.Z.A. and P.S. Nicholson, A thermodynamic study of polycrystalline Na-Kβ''/β-Al_2O_3, II – after hydronium exchange 25 (1987) 51
Munshi, M.Z.A., P.S. Nicholson and C.E. Webber, Ion exchange studies of polycrystalline Na/K-β/β'-Al_2O_3 using XRF and neutron activation analysis 25 (1987) 57

Nagai, R., see K. Matsumoto 25 (1987) 233
Nicholson, P.S., see M.Z.A. Munshi 25 (1987) 51
Nicholson, P.S., see M.Z.A. Munshi 25 (1987) 57
Nishimura, T., see T. Tsurumi 25 (1987) 143

Ohachi, T., see Y. Fujiki 25 (1987) 131
Onoda, Y., see Y. Fujiki 25 (1987) 131
Oohashi, T., see T. Tsurumi 25 (1987) 143

Peng, Y., see Y. Hong 25 (1987) 301
Perfiliev, M.V., see A.N. Vlasov 25 (1987) 245
Petranović, N., S. Mentus and M. Šušić, Glassy state formation in the system xAgI.$(1-x)Sb_2S_3$ 25 (1987) 139

Rietman, E.A., see M.L. Kaplan 25 (1987) 37
Rietman, E.A., M.L. Kaplan and R.J. Cava, Alkali metal ion-poly(ethylene oxide) complexes. II. Effect of cation on conductivity 25 (1987) 41

Saito, Y., see Y. Ito 25 (1987) 199
Salau, A.M., see T.A. Kuku 25 (1987) 1
Sapoval, B., Response to above letter 25 (1987) 100
Sato, R., see J. Kawamura 25 (1987) 155
Shimoji, M., see J. Kawamura 25 (1987) 155
Skalli, A., A. Galerie and M. Caillet, Kinetic and thermodynamic aspects of the thermal oxidation of a chromium-molybdenum steel (Fe 2.25 Cr 1 Mo) 25 (1987) 27
Šušić, M., see N. Petranović 25 (1987) 139

Tachez, M., R. Mercier, J.P. Malugani and P. Chieux, Structure determination of $AgPO_3$ and $(AgPO_3)_{0.5}(AgI)_{0.5}$ glasses by neutron diffraction and small angle neutron scattering 25 (1987) 263
Takenouchi, S., see Y. Fujiki 25 (1987) 131
Tanaka, J., see P.J. Dordor 25 (1987) 177
Taniguchi, I., see Y. Fujiki 25 (1987) 131
Terabe, K., see S. Yamaguchi 25 (1987) 171
Tomandl, G., see M. Kuntz 25 (1987) 121
Torell, L.M., see L. Börjesson 25 (1987) 85
Tsurumi, T., H. Ikawa, K. Urabe, T. Nishimura, T. Oohashi and S. Udagawa, Ionic conductivity and thermal decomposition of β''-alumina type NH_4^+-gallate 25 (1987) 143

Udagawa, S., see T. Tsurumi 25 (1987) 143
Urabe, K., see T. Tsurumi 25 (1987) 143

Vincent, C.A., see P.G. Bruce 25 (1987) 255
Vlasov, A.N. and M.V. Perfiliev, Ageing of ZrO_2-based solid electrolytes 25 (1987) 245

Wagner Jr., J.B., see A. Brune 25 (1987) 165
Watanabe, A., see P.J. Dordor 25 (1987) 177
Watanabe, M., see Y. Fujiki 25 (1987) 131
Webber, C.E., see M.Z.A. Munshi 25 (1987) 57
Wei, S., see Y. Hong 25 (1987) 301
White, D., see K.R. Carduner 25 (1987) 93
Whittingham, M.S., Sodium ion conduction in single crystal vermiculite 25 (1987) 295

Xue, R. and C.A. Angell, High ionic conductivity in PEO. PPO block polymer + salt solutions 25 (1987) 223

Yamaguchi, S., K. Terabe, Y. Iguchi and A. Imai, Formation and crystallization of beta-alumina from precursor prepared by sol–gel method using metal alkoxides 25 (1987) 171
Yamane, H., S. Kikkawa and M. Koizumi, Preparation of lithium silicon nitrides and their lithium ion conductivity 25 (1987) 183
Yoshikado, S., see Y. Fujiki 25 (1987) 131
Young, V., Theoretical and experimental conductivities of silver halide–silver sulfide ISE membranes 25 (1987) 9
Young, V., Electronic conductivity of Ag_2S/AgX (X = Cl, Br) ion selective electrode membranes: effect of silver incorporation 25 (1987) 21

Solid State Ionics 25 (1988) 315–316
North-Holland, Amsterdam

SUBJECT INDEX TO VOLUME 25

Absorption, 85
ac conductivity, 155
Ammonium sites, 121

Battery, 109
β-alumina, 51
  cadmium, 93
  hydronium, 51
  sodium, 93, 171
  thallium, 93
β″-alumina, 57
  calcium, 301
  sodium, 193
β″-gallate
  ammonium, 143
Bismuth oxide, 63, 177
Brillouin scattering, 85

Calcium fluoride, 217
Cerium oxide, 217
Chemical vapor deposition, 207
Clusters, 263
Complex impedance, 41, 271
Composite electrolytes, 165, 231
Corrosion, 27
Coulometry, 199
Crown ether, 37
Crystal growth, 131
  structure, 177
Cuprous oxide, 51

De-intercalation, 45
Dielectrics, 271
Diffusion, 27, 85, 193, 233, 295
DSC, 1, 139

Electrical conductivity, 1, 109, 231
  glasses, 71

Four-point dc, 255

Glass, 85, 109, 139, 155

Hollandite, 131
Hydration, 287

Impedance spectroscopy, 109, 177
Intercalation, 233, 287
Interfacial behaviour, 165, 217

Ion exchange, 51, 57
Ionic conductivity, 177, 255
  calcium, 301
  cesium, 41
  chlorine, 105
  fluorine, 217
  lithium, 37, 41, 183, 223
  potassium, 41
  proton, 143
  rubidium, 41
  silver, 9
  sodium, 41, 295
Ionic transport
  glasses, 71

Lead chloride, 165
Lithium nitride, 183
Lithium sulfate, 231

Mixed alkali effect, 57, 71, 155
Mixed cation effect, 93
Mixed sodium rubidium germanate glasses, 71
Modelling of growth, 207
Molybdenum sulfide
  selenide, 45

Neutron diffraction, 63, 121, 263
NMR, 93, 233
Noise, 193
Nonstoichiometry, 199

Oxidation, 27

Phase diagram, 139
Phase transitions, 1
Point defects, 27
Poly ethylene oxide, 41
Poly vinylene carbonate, 37
Polymer, 223
Polymeric electrolytes, 255
Protonic conductors, 121

Relaxation, 85
Relaxation models, 271

Schottky defect, 105
Silicon nitride, 183
Silver bromide, 21
Silver chloride, 9, 21

Silver sulfide, 9, 21
Single crystals, 131
Small angle scattering, 263
Sol–gel, 171
Solubility, 231
Structure, 105, 131
Superconductivity, 45

Theory, 9
Thermal analysis, 171, 223
Thermal properties, 143
Thermodynamics, 51, 199, 301
Titanium disulfide, 233, 287
Transference number, 295

Vacancy diffusion, 1
Vanadium pentoxide, 199
Vermiculite, 295

Water, 295

X-ray analysis, 183

Yttria, 207
Yttrium oxide, 63, 177

Zirconia, 207
Zirconium dioxide, 245